Fig. 1A (Prior Art)

Fig. 1B (Prior Art)

```
<1>c:\Temp\cvi\temp2.c
                                                                    File Edit View Build Run
                       Instrument Library Tools Window Options
  %include <ansi_c.h>
  void main(void)
      int
              i = 0;
              *string = "Hello world";
      char
      printf("string: %d\n", string);
      printf("1: string = 0x00420854 "Hello world")
◆|]
    10/11
                1 Ins
                                 Suspended
```

Fig. 1C (Prior Art)

```
c:\Temp\cvi\temp.cws - [temp2.c]
                                                                                  File Edit Yiew Build
                  Run
                      Instrument Library
                                      Tools
                                           Window Options Help
                                                              Debug
□ 刷 Temp
                        #include <ansi c.h>

    Source Files

      c temp.c
                        void main (void)
日  Temp2
  i = 15;
                            int
      temp2.c
                            char
                                    *string = "Hello world";
                                    *longStr;
                            double f = -147.87, g = f, h;
                                    * ptr;
                            longStr = "LabWindows/CVI is a programming"
                                "environment for developing instrument control, "
                               "automated test, and data acquisition "
                               "applications in ANSI C.";
                           printf("string: %d\n", string);
                           printf("i: %d\n", i);
                           i = 2 + 3
                           h = 2 + 3 = 5
                           ptr = 4i;
                                                                 -4
                         19/23
                                      9 Ins III
                                                        19
```

Fig. 1D (Prior Art)

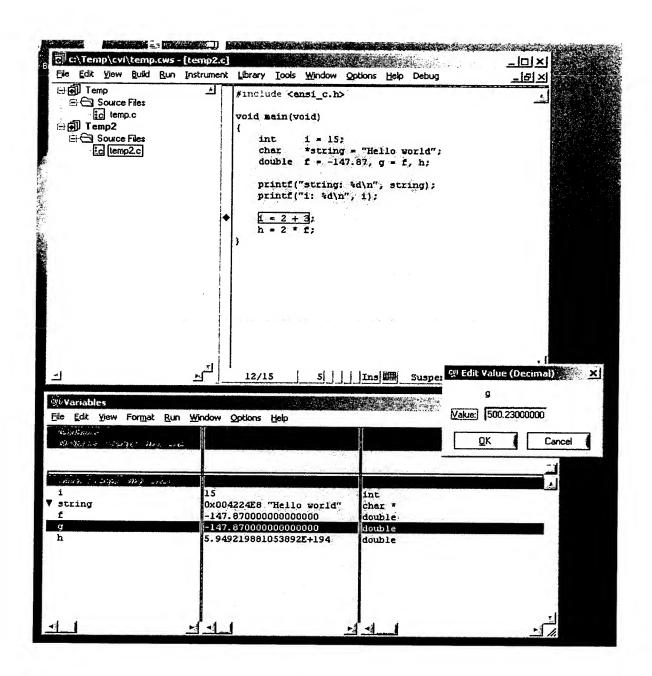


Fig. 1E (Prior Art)

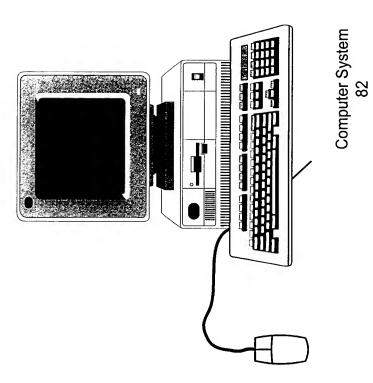


Figure 2A

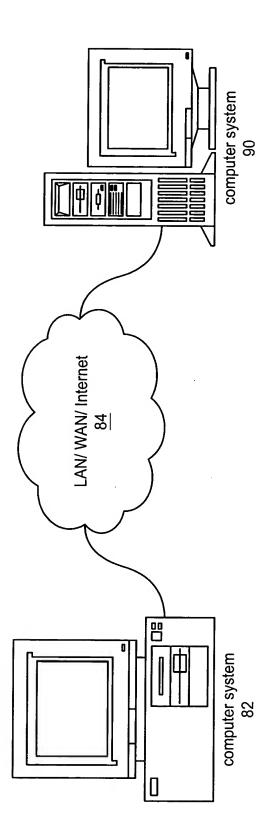
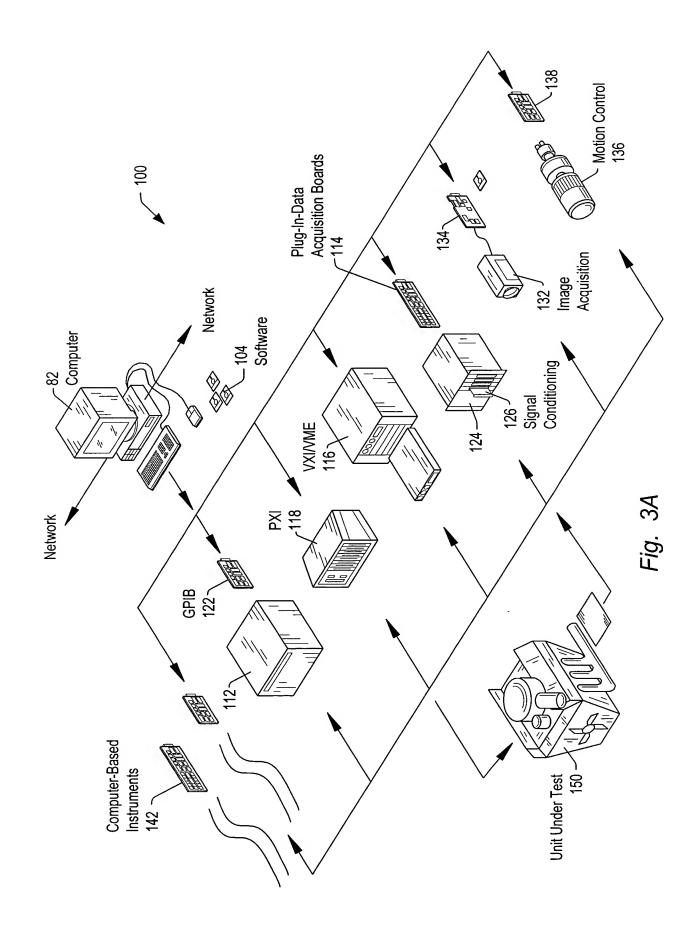
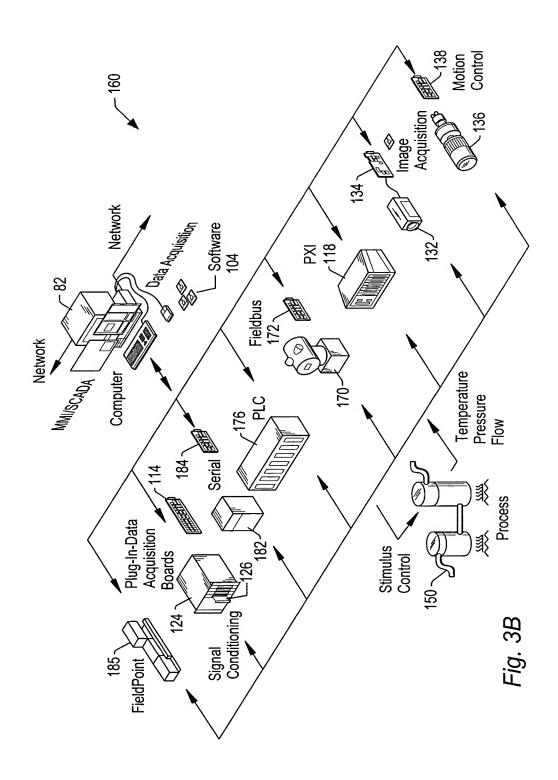
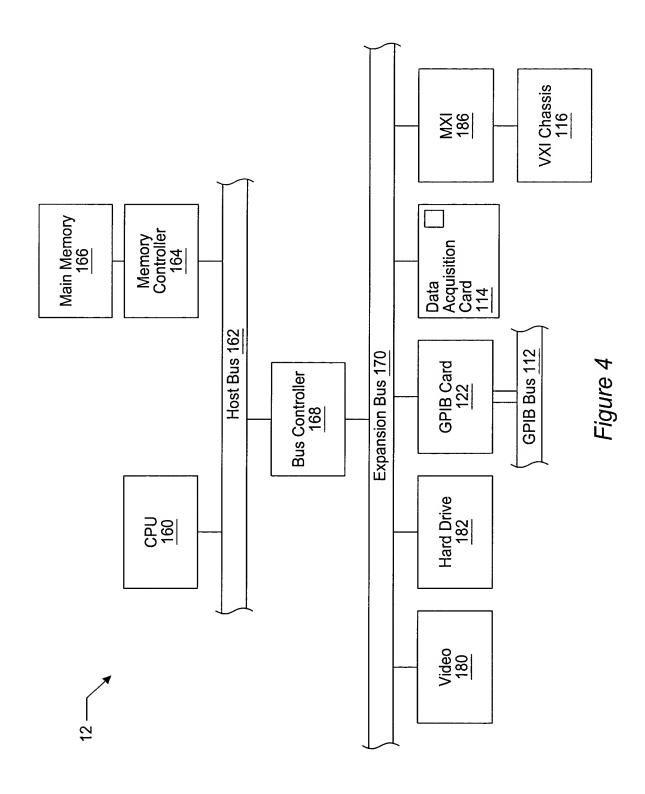


Figure 2B







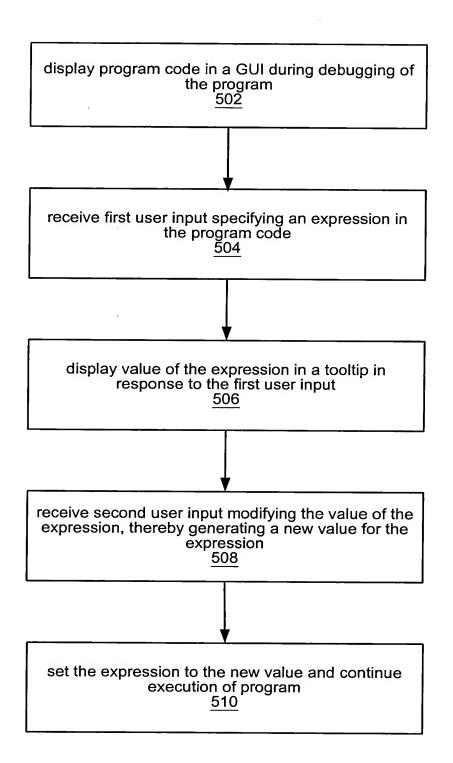


Fig. 5

```
c:\Temp\cvi\temp.cws - [temp2.c]
File Edit View Build Run Instrument Library Iools Window Options Help Debug
⊟ 🗐 Temp
                                  #include <ansi_c.h>
  Source Files temp.c
                                  void main(void)
int
                                               i = 15;
                                               *string = "Hello world";
                                       char
                                       double f string = 0x004224E8 Hello use
                                       printf("string: %d\n", string);
printf("i: %d\n", i);
                                      i = 2 + 3;
h = 2 * f;
                                                  5 ] ] Ins
                                     10/15
                                                                    Suspended |
ك
```

Fig. 6A

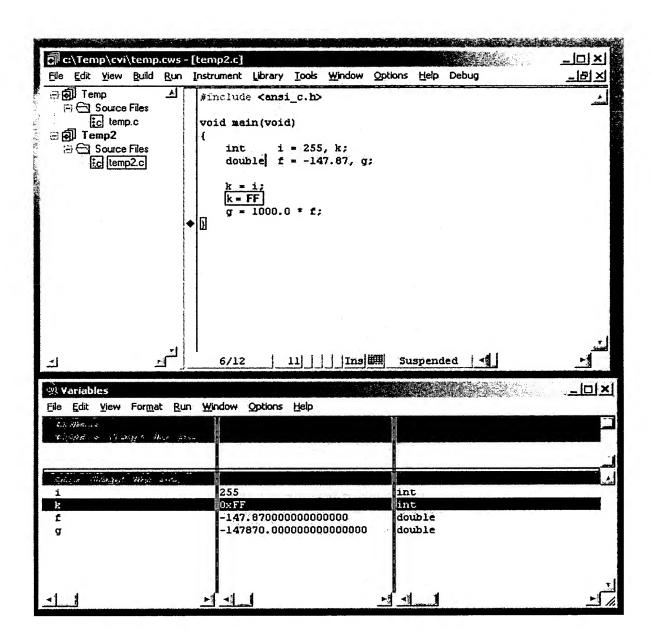


Fig. 6B

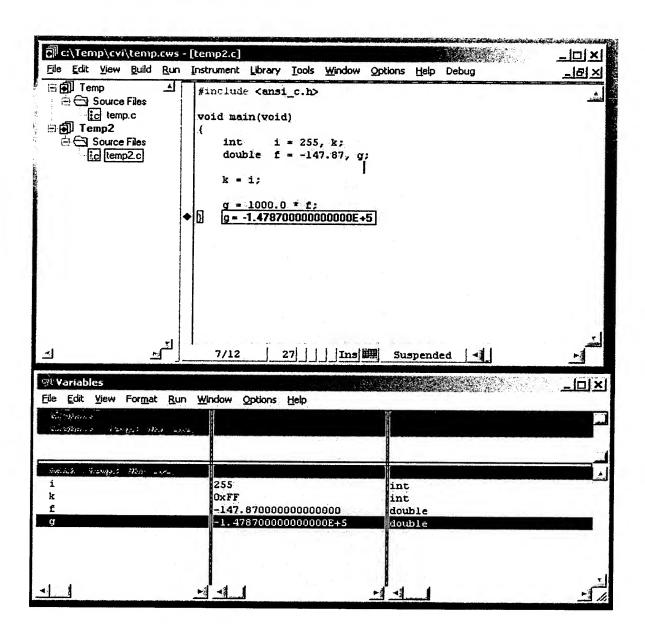


Fig. 6C